

## Franklin County Data Center Job Description

### **Sr. Software Engineer**

**ANNUAL SALARY: \$82,590-\$107,367 \*\*Excellent Benefits Package**

### **SUMMARY**

The Franklin County Data Center is seeking a qualified Sr. Software Engineer. This position requires an advanced knowledge of various software platforms. Develops information systems by studying operations; designing, developing, and installing software solutions; supports and develops software team. Will provide on-the-job training to other team members. May lead small to large project teams. Will work with user, team leads, and program managers, as required, to determine application specifications and participate in project implementation. Writes program documentation, job documentation and/or manuals to instruct users of programs or applications. Prepares test data and performs program-level and system-level testing. May work with vendors and in-house staff for resolution of problems or solution determinations. May be required to execute demonstrations and customer walk-throughs. Must successfully complete a 180-day probationary period.

### **ESSENTIAL DUTIES AND RESPONSIBILITIES**

Include the following. Other duties may be assigned

- Responsible for architecting and governing complex, highly available and highly scalable applications to be used by internal and external customers in high traffic environments.
- Develops software solutions by studying information needs; conferring with users; studying systems flow, data usage, and work processes; investigating problem areas; following the software development lifecycle.
- Determines operational feasibility by evaluating analysis, problem definition, requirements, solution development, and proposed solutions.
- Documents and demonstrates solutions by developing documentation, flowcharts, layouts, diagrams, charts, code comments and clear code.
- Prepares and installs solutions by determining and designing system specifications, standards, and programming.
- Improves operations by conducting systems analysis; recommending changes in policies and procedures.
- Updates job knowledge by studying state-of-the-art development tools, programming techniques, and computing equipment; participating in educational opportunities; reading professional publications; maintaining personal networks; participating in professional organizations.
- Protects operations by keeping information confidential.
- Provides information by collecting, analyzing, and summarizing development and service issues.
- Accomplishes engineering and organization mission by completing related results as needed.
- Works closely with the Development team throughout all phases of the SDLC.

### **SUPERVISORY RESPONSIBILITIES**

May be required to counsel and lead the team and technologies to support.

### **QUALIFICATIONS**

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily.

The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

- Five to seven years of software applications engineering experience, including design, development, and installation.
- At least five years of proven experience in architecting and enforcing governance and standards for SQL Server Development practices.
- Must possess expert-level proficiency with multiple application languages and services, including C#, ASP.NET, Web Services, Stored Procedures and SSIS.
- Possess extensive knowledge of software design, documentation, implementation and testing. Technology experience must include software development in ASP.NET/C#, Microsoft SQL server, JavaScript (JSON/AJAX) and HTML5. Proven experience in building high traffic web applications.
- Subject matter expert in SDLC possessing a strong working knowledge of Software Development Architecture, Fundamentals, Process, and Requirements.
- Excellent verbal and written communication skills with others possessing varying degrees of technical knowledge to translate communication requirements into interactive presentations.
- Self-starter with remarkable leadership presence and exceptional self-management skills.
- Possess extensive knowledge of software design, documentation, implementation and testing.
- Subject matter expert in SDLC possessing a strong working knowledge of Software Development Architecture, Fundamentals, Process, and Requirements.
- Possess the ability to effectively communicate with individuals who have varying degrees of technical knowledge to translate communication requirements into interactive presentations.
- Demonstrated leadership qualities and exceptional self-management skills.
- Superior verbal and written communication.

## **EDUCATION and/or EXPERIENCE**

Bachelor's degree from four-year college or university with concentration in computer science, application programming languages, development tools, systems analysis and systems design; or equivalent combination of education and experience.

MTA Developer or MCSD Certification(s) preferred.

## **LANGUAGE SKILLS**

- Ability to read, analyze, and interpret general business periodicals, professional journals, technical procedures, or governmental regulations.
- Ability to write reports, business correspondence, and procedure manuals.
- Ability to effectively present information and respond to questions from groups of managers, clients, customers, and the general public.

## **MATHEMATICAL SKILLS**

- Ability to work with mathematical concepts such as probability and statistical inference, and fundamentals of plane and solid geometry and trigonometry.
- Ability to apply concepts such as fractions, percentages, ratios, and proportions to practical situations.

## **REASONING ABILITY**

Ability to define problems, collect data, establish facts, and draw valid conclusions.

Ability to interpret an extensive variety of technical instructions in mathematical or diagram form and deal with several abstract and concrete variables.

## **PHYSICAL DEMANDS**

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

## **WORK ENVIRONMENT**

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

### **Data Center Benefits Summary:**

**Medical, Vision, Life, Mental Health, Direct Deposit, Credit Union, Deferred Comp, Retirement,  
Sick and Vacation Accrual, Tuition Reimbursement**

**[fcdcjobs@franklincountyohio.gov](mailto:fcdcjobs@franklincountyohio.gov)**

**EOE No Fees ERP Eligible**